

13049 U.S. PTO  
022004

PTO/SB/05 (01-04)

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. P04-1001  
First Inventor Fumio MORIKAWA  
Title FLOW RATE CONTROL DEVICE  
Express Mail Label No. EU499527992US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

## ADDRESS TO:

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 24]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the invention
  - Brief Summary of the invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 8]
5. Oath or Declaration [Total Sheets ]
  - a. ☐ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)
  - i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ Paper
  - c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement [ ] Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure [ ] Copies of IDS Citations  
Statement (IDS)/PTO-1449
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☒ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: Deposit account charge authorization sheet  
Certificate of mailing under 1.10, a check

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:

Prior application information:

Examiner

Art Unit:

For CONTINUATION OR DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☐ Customer Number: OR ☒ Correspondence address below

Name Hisako MURAMATSU  
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Name (Print/Type) Hisako MURAMATSU Registration No. (Attorney/Agent) 34955  
Signature Date Feb. 20, 2004

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.  
If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

022004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent  
P04-1001

UTILITY PATENT APPLICATION  
Certificate of Mailing under 37 CFR 1.10

U.S. Patent and Trademark Office  
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Commissioner for Patents  
P.O.BOX 1450  
Alexandria, VA 22313-1450

Atty Docket No. P04-1001  
Names of inventor(s): Fumio MORIKAWA, Hiroshi KONDOU  
Filed: February 20, 2004  
For: FLOW RATE CONTROL DEVICE

I hereby certify that this paper and the following documents referred below are being deposit with the United States Postal Service on February 20, 2004 in an envelope as "Express Mail Post Office to Addressee" service under 37 CFR 1.10, Mailing Label No. EU499527992US, addressed to the Commissioner for Patents, U.S. Patent and Trademark Office, Mail Stop Patent Application, P.O.BOX 1450, Alexandria, VA 22313-1450.

Enclosed Documents:

- Application
  - specification including claims and abstract totaling 24 pages and 8 sheets of formal drawings,
- application transmittal letter,
- application data sheet,
- return post card,
- check in the amount \$ 770.00
- general authorization for pet. For extension of time, and fee transmittal and Deposit account charge authorization
- patent application fee determination record
- Certified copy of priority document (JP2003-045835)

Date: February 20, 2004

  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent

Atty Dkt No. P04-1001

UTILITY PATENT APPLICATION Fee Transmittal, Authorization to  
Charge Deposit Account and General Authorization for Petition for  
Extension of time

U.S. Patent and Trademark Office  
Mail Stop Patent Application  
Commissioner for Patents  
P.O. BOX 1450  
Alexandria, VA 22313-1450

Duplicate for  
fee processing enclosed

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Names of inventor(s): Fumio MORIKAWA, Hiroshi KONDOU

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XX Check No. 1145 in the amount for \$ 770.00 is enclosed.

XX The Commissioner is authorized to charge any fees beyond the amount enclosed which may be required, or to credit any overpayment, to Deposit Account No. 502738 (Order No. P04-1001).

General Authorization for petition for Extension of Time (37 CFR § 1.136)

XX Applicant hereby makes and generally authorizes any Petitions for Extensions of Time as may be needed for any subsequent filings. The Commissioner is also authorized to charge any extension fees under 37 CFR § 1.17 as may be needed to Deposit Account No. 502738 (Order No. P04-1001).

XX Please send correspondence to the following address:

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Encl. (duplicate copy)

11.8.03 application transmittal ltr P04-1001